

VV-6

Project Name Brownlee Recovery Corp.
 Project No. 700# 810-8410-14
 Date Prepared 8/29/85
 Prepared by Rodney S. Holtz

Well No. EE-1
 Location 75' 11" SE of 3UR control well
 Owner John Ditsch
 Ground Elev. 361.7'
 Driller Boulton Brothers
 Drilling Completed 8/2/85
 Type of Rig Mobile 8-80

Depth (ft) Description

WELL DATA

Hole Diam. 4"
 Depth 88'
 Casing Diam. 2"
 Casing Depth 0-66'
 Screen Diam. 2"
 Screen Setting 66-88'
 Screen Type Stainless Steel, 1/8" Slot
 Well Type Monitoring Well

TEST DATA

Static Water Level 59.2
 Date Measured 8/1/85
 Pumping Depth 86-87'
 Test Duration -
 Pumping Rate -
 Test Date -
 Test Type -
 Pump Setting -
 Specific Gravity -
 Final Pump Capacity -
 Final Pump Setting -
 Average Pumpage -

WATER QUALITY

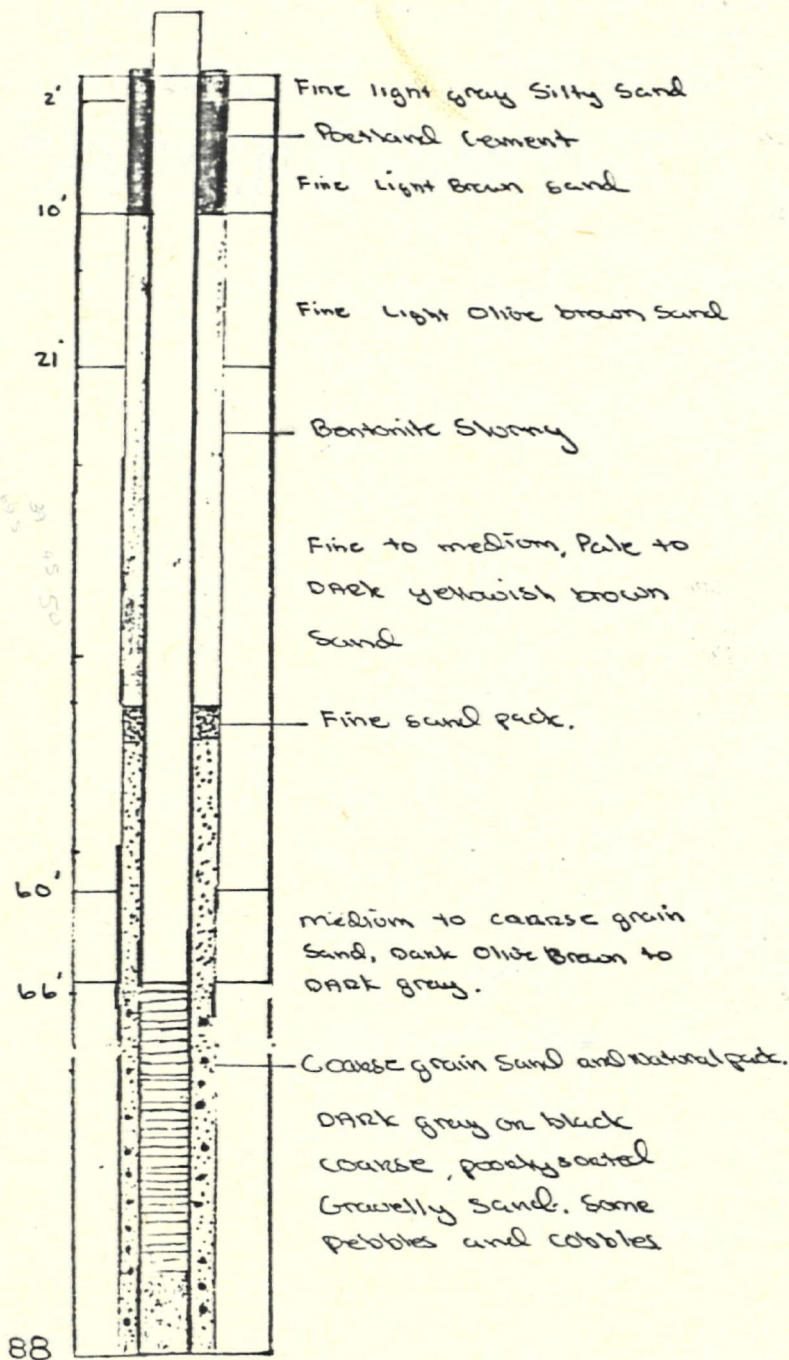
Samples Taken Yes ☒ No ☐
 No. of Samples -
 Types of Samples -

Date Sampled -
 Samplers -
 Will be Analyzed for -

Split Samples to -

Comments -

REMARKS



367123

USEPA SF



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WELL #	DESCRIPTION	DEPTH RANGE
EE-6	<u>Eolian sands:</u> 70% light to medium gray, fine to very fine, well sorted, dry silty sand. 30% combination of frosty and transparent quartz. Some surficial loam also found.	0-2'
	<u>Fine sand:</u> 50-60% light to medium brown, well sorted, fine to very fine grain sand. Some silt in upper portion of the zone. Large amounts of pebbles, cobbles and garbage encountered at 3-6'. 6-10' a light medium brown, fine sand again.	2-10'
	<u>Fine to medium sand:</u> 20-35% dark yellowish to olive brown, fine to medium grain, well to moderately sorted, subrounded to subangular, semi dry sand. Some cemented layers of sands present. 4-6mm pebbles encountered at lower portion of this zone. 65-80% frosty quartz, medium to coarse grain, subangular to subrounded.	10-40'
	<u>Medium to coarse sand:</u> 65% frosty quartz, coarse to very coarse grain, subangular fragments. 35% dark olive gray, medium to coarse grain, moderately to poorly sorted, angular to subangular fragments. Some moisture in sand.	40-50'
	<u>Sandy gravel:</u> 50% frosty quartz. 50% dark olive gray coarse, poorly sorted, subangular to subrounded, semi dry sand. Gravel is a dark gray to black, subangular, coarse to very coarse gravel. Sporatically mixed in are seams of a fine silty clay. Small granules and pebbles also encountered at 58'.	50-60'
	<u>Gravelly sand:</u> 60% dark gray to black, coarse to very coarse, poorly sorted, subangular to angular fragments, moist gravel. 40% combination of frosty, subangular, coarse grain quartz and dark olive gray, coarse grain, poorly sorted sand. 10-20mm pebbles present throughout the zone.	60-75'
	<u>Gravel:</u> Dark gray to black, very coarse grain, angular, saturated, very poorly sorted. 20% combination of sand and frosty quartz. Takes on salt and pepper appearance. Great amount of flow going on.	75-100'

Project Name Resource Recovery
 Project No. 100# R10-1410-14
 Date Prepared 8/30/85
 Prepared by Randall S. Holtz

Well No. FE-7
 Location 30' W of Area C
 Owner S. Ditch
 Ground Elev. _____
 Driller Bayles Brothers
 Drilling Completed 7/29/85
 Type of Rig Mobile B-80

Depth (ft)

Description

WELL DATA

Hole Diam. 4"
 Depth 100'
 Casing Diam. 2"
 Casing Depth 78'
 Screen Diam. 2"
 Screen Setting 78'-100'
 Screen Type 5" x 1/2" .015" slot
 Well Type non-flowing well

TEST DATA

Static Water Level 77.9
 Date Measured 8/17/85
 Pumping Depth _____
 Test Duration _____
 Pumping Rate _____
 Test Date _____
 Test Type _____
 Pump Setting _____
 Specific Gravity _____
 Final Pump Capacity _____
 Final Pump Setting _____
 Average Pumpage _____

WATER QUALITY

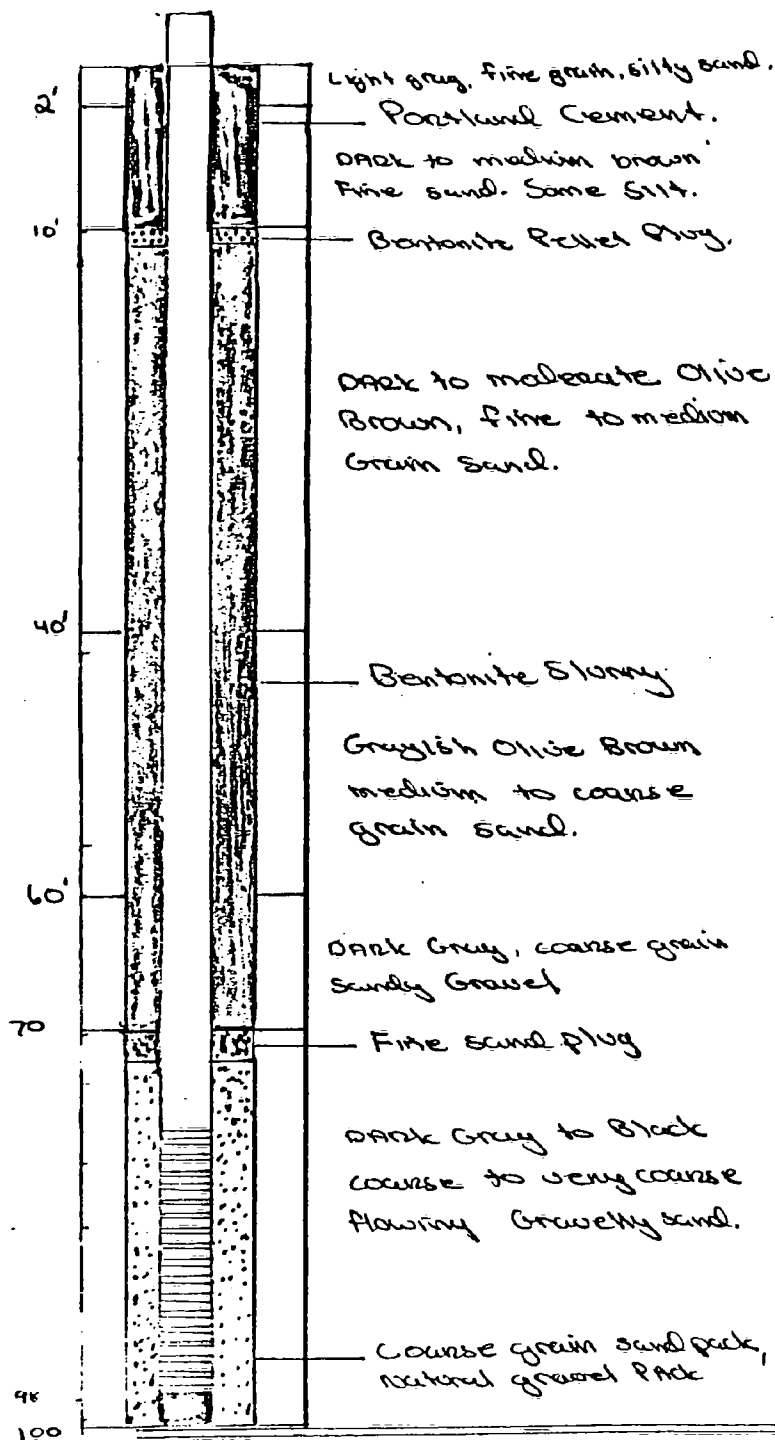
Samples Taken Yes ☒ No ☐
 No. of Samples _____
 Types of Samples _____

Date Sampled _____
 Samplers _____
 Will be Analyzed for _____

Split Samples to _____

Comments _____

REMARKS

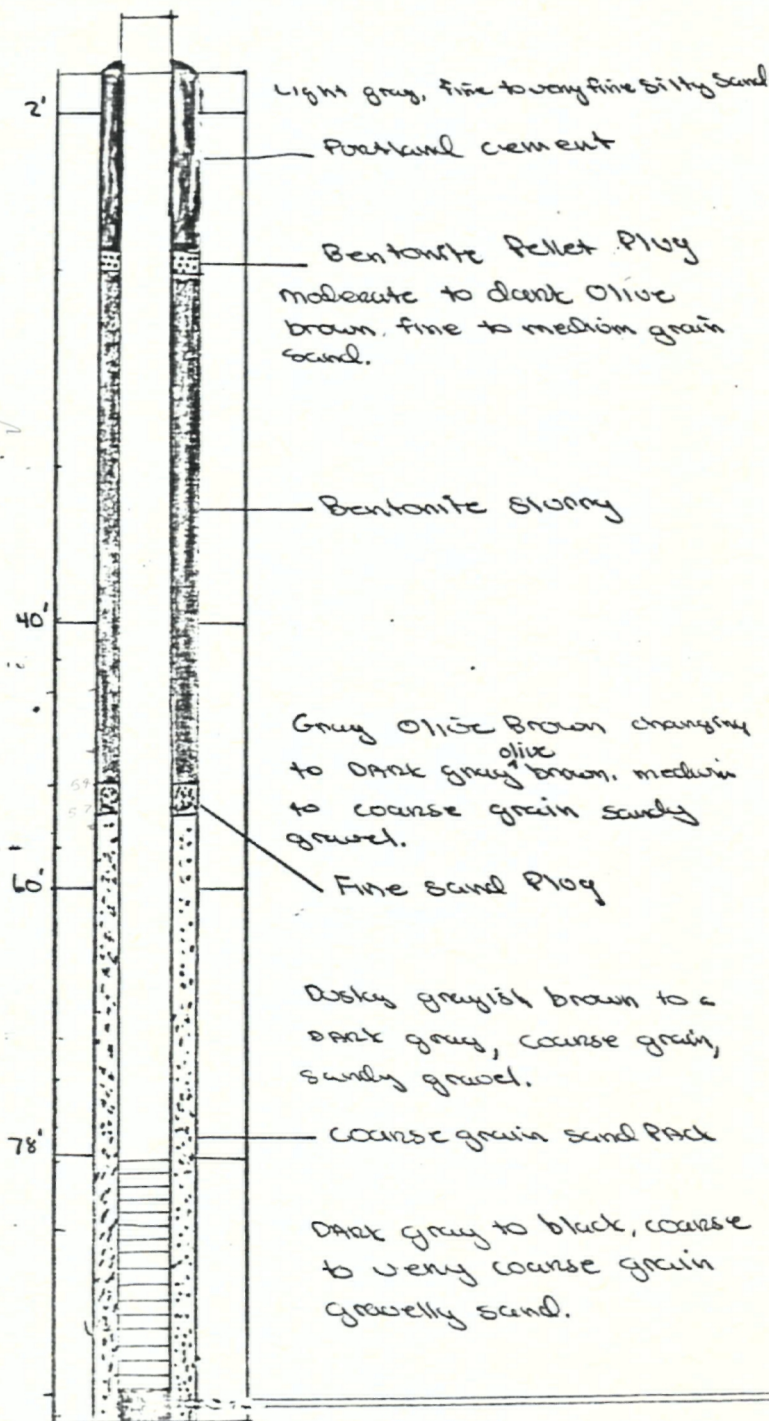


WELL #	DESCRIPTION	DEPTH RANGE
EE-7	<u>Eolian sands:</u> 60% light gray, very fine, well sorted, dry silty sand. Surficial loam and debris present. 40% frosty and transparent quartz, subrounded, fine grain well sorted.	0-2'
	<u>Fine silty sand:</u> 55% light to medium brown, fine to very fine, well sorted sand. Some silt present. Sand tends to be semi dry with well rounded grains. 45% frosty, subangular, moderately sorted quartz. 6-9' fill material encountered (old car parts, glass, wood, etc.).	2-10'
	<u>Fine sand:</u> 75% frosty quartz. 25% dark to moderate olive brown, fine to medium grain, subangular to subrounded particles. Sand tends to be moderately sorted and semi dry with 1-2mm granules evident at 14' level. Micaceous flakes are also encountered at 16'.	10-20'
	<u>Fine to medium sand:</u> 80% frosty quartz, moderately sorted, medium grain, subangular fragments. 20% dark to moderate olive brown, fine to medium grain, subangular to subrounded particles. Semi dry small pebbles (6-10mm) at 28'. Cemented sand layer encountered at 36-38'.	20-40'
	<u>Sandy gravel:</u> 40-60% cloudy quartz, subangular to subrounded, moderate to coarse, poorly sorted. 40-60% sandy gravel. Grayish olive brown, medium to coarse, subangular to subrounded, poorly sorted, changing to dark grayish brown, coarse angular fragments at 50'. Small pebbles (10-15mm) present at 58' level.	40-70'
	<u>Gravelly sand:</u> 70% dark gray to black, coarse to very coarse, poorly sorted, angular fragments, very moist. Pebbles and small cobbles encountered at 66'. 30% frosty, angular, coarse poorly sorted quartz. Flowing sands at 76'. Gravel is subrounded to subangular and very coarse. Overall view of material is salt and pepper look.	70-101'

Project Name Resource Recovery
Project No. TR-80-840-14
Date Prepared 8/30/85
Prepared by Randall S. Holtz

Well No. EE-8
Location 30' S.E. of Area E
Owner S. Dietrich
Ground Elev. _____
Driller Bowles Brothers
Drilling Complete 7/23/85
Type of Rig Mobile 8-80

Depth (ft) Description



WELL DATA

Hole Diam. 4"
Depth 100'
Casing Diam. 2"
Casing Depth 0-78'
Screen Diam. 2"
Screen Setting 78-100'
Screen Type Stainless Steel slot size
Well Type monitoring well

TEST DATA

Static Water Level 76.6
Date Measured 8/7/85
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

WATER QUALITY

Samples Taken Yes ☒ No _____
No. of Samples _____
Types of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

REMARKS

367123

E & E Drilling and Testing Co., Inc.

FIELD LOG OF BORING
AND WELL INSTALLATION

PROJECT NUMBER AND NAME: TDD#R-10-8410-14 Resource Recovery Corp.		BORING/WELL No.: EE-8	
PROJECT MANAGER: Andrew Rafferty LOGGED BY: Randall S. Holtz		SURFACE ELEVATION: DEPTH OF HOLE: 100'	
BORING DIAMETER: 4"	WELL DIAMETER: 2"	CASING MATERIAL: Stainless Steel	
BORING METHOD: Hollow Stem Auger		FIELD CHEMIST: N/A	
HAMMER WT. (lbs): N/A		DRILLER: Boyles Brothers	
DROP (inches): N/A		START TIME: 9:05 a.m. COMPLETION TIME: 3:00 p.m. DATE: 7/23/85 DATE: 7/23/85	

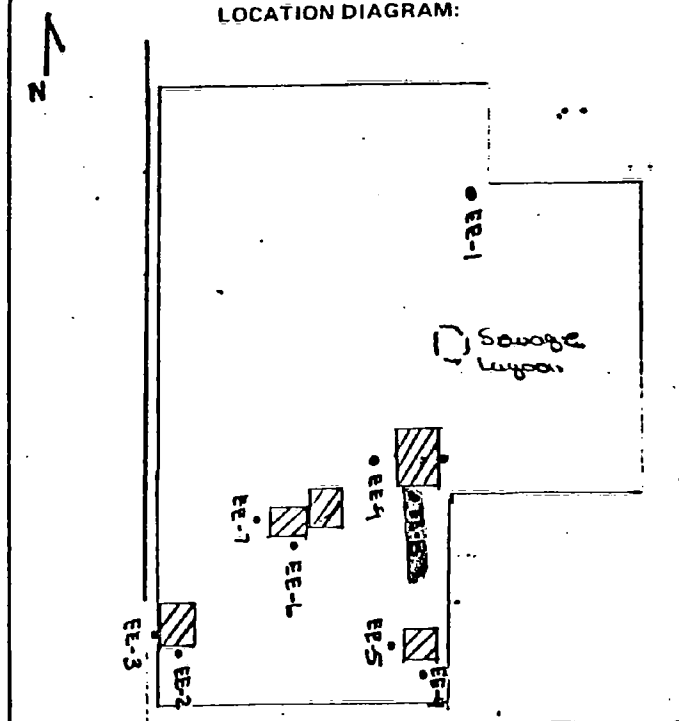
SAMPLING RECORD

SAMPLE NUMBER	SAMPLE INTERVAL	TYPE OF ANALYSIS			
		OVA	HNU	pH	Cond.
1	B.G.		.1 ppm	Bore hole	
2	10'		0 ppm	"	
3	20'		.1 ppm	"	
4	30'		.2 ppm	"	
5	45'		.1 ppm	"	
6	70		4 ppm	"	
7	83'		0 ppm	"	
8	93'		.1 ppm	"	

MATERIALS RECORD

DESCRIPTION	QUANTITY
TOTAL BORING (FT)	100'
TOTAL CORING (FT)	N/A
NUMBER OF SPLIT SPOON SAMPLES	N/A
TOTAL CASING (FT)	80'
TOTAL SCREEN (FT)	22'
NUMBER OF CAPS AND/OR PLUGS	1
SAND-L.F. No.	50'
BENTONITE-L.F. No.	38'
CEMENT-L.F. No.	12'
SECURITY CAP (Y OR N)	Y
WELL DEVELOPMENT (Y OR N)	Y

LOCATION DIAGRAM:

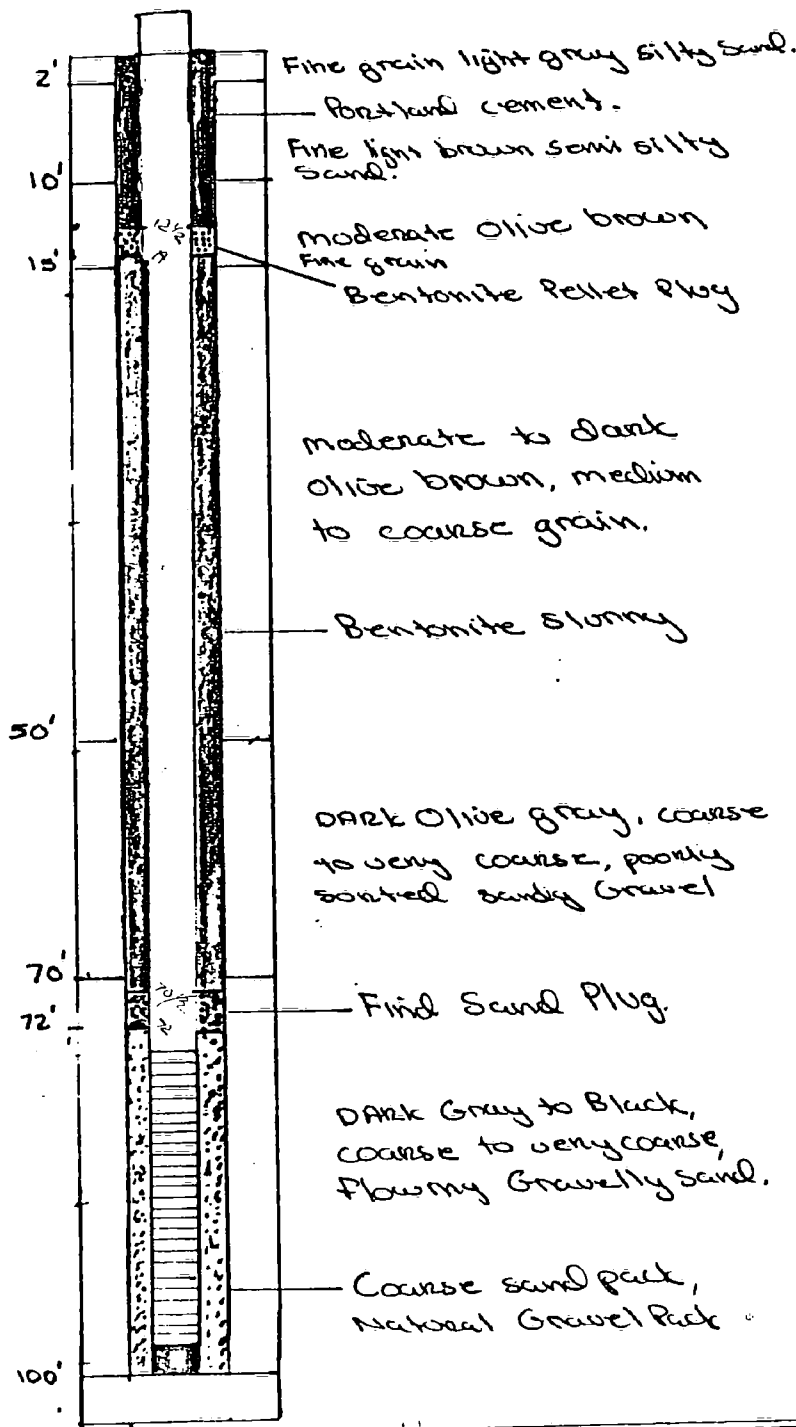


WELL #	DESCRIPTION	DEPTH RANGE
EE-8	<u>Eolian sands:</u> 60% light to medium gray, very fine, well sorted, dry, silty sand. Surficial loam throughout first 2'. 40% combination of frosty and transparent quartz intermixed with large mica flakes.	0-2'
	<u>Very fine to fine sand:</u> 50% light to dark brown fine brain, well sorted, subrounded, semi dry sand. Some silt present, small pebbles also encountered at 7'. 50% frosty, subangular, fine to medium, moderately sorted quartz.	2-10'
	<u>Fine sand:</u> 80% frosty quartz, subangular, moderately sorted, 20% moderate olive brown, fine grain, subrounded to subangular, well sorted, semi dry sand changing to a medium to fine grain, moderately sorted sand at 18'.	10-20'
	<u>Fine to medium sand:</u> 70% frosty quartz, subangular fine to medium grain. 30% moderate to dark olive brown, fine to medium grain, well to moderately sorted, Semi dry, angular to subangular fragments. 1-2' lenses of cemented sand found at various depths, throughout. Small pebble layers found at 35', 47', and 50'. Becoming poorly sorted and more coarse at 49'.	20-50'
	<u>Sandy gravel:</u> 60% dark grayish brown to black, coarse to very coarse grain, poorly sorted, subangular to subrounded, moist sand. Pebbles at 54' (4-6mm). Changes to dusky yellow brown sand at 60'. Pebbles increasing to 10-20mm and more frequent. 40% frosty quartz, subangular poorly sorted, small to medium grain.	50-70'
	<u>Gravelly sand:</u> 75% dusky grayish brown to dark grayish black, coarse to very coarse, subangular to angular, poorly sorted, very moist, gravelly, subrounded sand. Pebbles increasingly darker with depth and moist. Sand and gravel do not change much from 80-100'.	70-100'

Project Name Resource Recovery
 Project No. 100-R-10-8410-14
 Date Prepared 8/30/85
 Prepared by Randall S. Holtz

Well No. FE-6
 Location 80' S.W. Area C. O.
 Owner J. Orbach
 Ground Elev. _____
 Driller Samuel Brothers
 Drilling Completed 7/3/85
 Type of Rig Mobile - BRD

Depth (ft) Description



WELL DATA

Hole Diam. 4"
 Depth 102'
 Casing Diam. 2"
 Casing Depth 0-80'
 Screen Diam. 2"
 Screen Setting 80-102'
 Screen Type Stainless Steel Slot .01
 Well Type Monitoring Well

TEST DATA

Static Water Level 78.5'
 Date Measured 9/1/85
 Pumping Depth _____
 Test Duration _____
 Pumping Rate _____
 Test Date _____
 Test Type _____
 Pump Setting _____
 Specific Gravity _____
 Final Pump Capacity _____
 Final Pump Setting _____
 Average Pumpage _____

WATER QUALITY

Samples Taken Yes ☒ No ☐
 No. of Samples _____
 Types of Samples _____
 Date Sampled _____
 Samplers _____
 Will be Analyzed for _____

Split Samples to _____

Comments _____

REMARKS

